## SEQUENCE LISTING

<110> SOCIETÉ DES PRODUITS NESTLÉ	
<120> IDENTIFICATION OF CACAO	
<130> Identification of cacao	
<140>	
<141>	
<150> 98121043.8	
<151> 1998-11-05	
<160> 13	
<170> PatentIn Ver. 2.1	
<210> 1	
<211> 20	
<212> DNA	
<213> cacao	
<400> 1	20
tttagtgctg gtatgatcgc	20
2010. 2	
<210> 2 <211> 20	
<212> DNA	
<213> cacao	
(213) Cacao	
<400> 2	20
tgggaagtcc tcgtgttgca	
<210> 3	
<211> 23	
<212> DNA	
<213> cacao	
<400> 3	
ggcaatttac ttcgtgacaa acg	2
<210> 4	
<211> 24	
<212> DNA	

noousing nama

<213> cacao	
<400> 4	
ctcatatttg ccaggagaat taac	24
<210> 5	
<211> 10	
<212> DNA	
<213> cacao	
<400> 5	
cccacacgca	10
<210> 6	
<211> 10 <212> DNA	
<213> cacao	
(213) Gadao	
<400> 6	
cagaccgacc	10
<210> 7	
<211> 22	
<212> DNA	
<213> cacao	
<400> 7	
cotcoagett etetettigt gt	22
coccoager crocerecy gr	2.2
<210> 8	
<211> 19	
<212> DNA	
<213> cacao	
<400> 8	
gctgagcagt gtggacggc	19
<210> 9	
<211> 20	
<212> DNA	
<213> cacao	

DESTRUCTED FRANKE

<400> 9

<210> 10 <211> 583 <212> DNA <213> cacao

<400> 10

cotcoagott cotcotttgt glottaacaaa caagataaaa atgaataaat aaataaataa 60 gtaaaagaca agagaaagta aaaacaaaaa attgattcat agctagtcaa agaaccatta 120 acattgaaga cggtotcaag aacttcatag otgaaggotc ogtaatatga tocaggttaa 180 ttattocag oggggaagaa taactgcagc aattataagt acagggtcaa tagactaac 240 aagacatcaa ggttatgtag aaacttotaa taaataaatag ttaaagtaga aaacctcata 300 ttgoccagga gaattaacag gcagggcaga cacagottag gttagottoc ottgogttagot 360 ttgoccagca cacgtaacag tgottoctgo aggaacgotg actactgtto cacgotgtac 420 attataggac toottgotta catgattoc aasacgtaat gtcocottoc otgacacaga 480 aataatttac tatgotttoc atcagttgtg attoggtga aaaagcocca aaattttgt 540 cagaaaggaa gagaatttac ogttudocac gaagtaaatt gccocottoc otgacacaga 880 aataatttac tatgotttoc atcagttgtgat aaaagcocca aaattttgt 540 cagaaaggaa gagaatttac ogttudocac gaagtaaatt gcc

<210> 11 <211> 583 <212> DNA <213> cacao

<400> 11

octocagott ototottigi giotaacaaa caagataaaa atgaataaat aaataaataa 60 gidaaaaaaca agagaaagta aaaacaaaaa atgaaticaa agciagicaa agaaccatai 120 acaatigaaga oggiotocaag aacticaag otgaaaggoto ogtaataiga ticaggitta 180 tiatitocag oggigaagaa taactigaag aattataagi acaaggicaa tagactaac 240 aagacatcaa gittatgiga aaacticaa taaataaatg tiaaagiga aaaccicata 300 titigocagga gaattaacaag goaggogag acaagotaig gitagotic otoggiga oo titigocagaa acgitaataaca tigotaaca acgitaaacag tigoticotga aggaacgotga actaotigtic cacgotigta 420 attataggac tottigitti catgagicac aaacgitaati gicocottic otgagacaga 480 aataattiac tatgititoa atoaatggig attiggiga aaaagocgaa aaattitigti 540 cagaacgaag aggaactita otgagaaga agaactitig 553

<210> 12 <211> 1062 <212> DNA <213> cacao

<400> 12

getgageagt gtggaeggea agetggtggt geeetgtgee etggaggeet atgttgtage 60 caatttggtg ggtgtggea cactgatgae tactgeaaaa gggaaaatgg ttgccagagt 120 cagtgcageg gaageggagg tgatactggt ggaettgata gtctgataae aagagaaagg 120

```
tttgatcaga tgcttttgca tagaaatgat ggtggttgtc Ctgctcgtqq cttctatacc 240
tatgatgett teatagetge tgegaggtet tteeetgeet tegetacaae eggtgatgat 300
gccactegca agagggaagt tgctgctttc ttggcccaaa cttctcacga aactactggt 360
tagtccactt cgaaaqttaa tcacaaagtt caccatgttt tgaacatgac ttcatcggtt 420
tqaqattaat ttqatqatqc cgtaqgtqqa gcaggatqqq ctqcacccga tqqtccatat 480
acgtggggat actgctacaa tagggaatta aaccccgctg attactgcca gtgggatcca 540
aactaccett gegeteetgg taagcaatat tttggeeggg gteeaatgea acttacttgg 600
taagoottto accatttgct aatttotttt ottgaaatgt atttatggta aggoaaaatt 660
gttttgttga catgggaata atcacttaac ttttgatata tcaggaacta caactatggg 720
cagtgtggaa gagccattgg ggtggaccta ttaaacaacc cagacctgct agcaactgat 780
cctacaattt ctttcaagtc agcgttctgg ttctggatga ctccacaatc accaaagcct 840
tottgocacg atgtgatcat tggagcgtgg tcaccctccg gtagcgacca ggcggcaggc 900
eggqtteeaq qqtttqqttt qateacaaat attateaatg geggeettga atgtqqteaa 960
qqttqqaatq caaaqqtaqa qgaccqcatt gggttctata agaqqtattq tgacacactt 1020
qqaqttqqct atqqtaacaa tctcgactgc tacaaccaqa qq
                                                                  1062
```

<210> 13 <211> 1063 <212> DNA <213> cacao

<400> 13

gctgagcagt gtggacggca agctggtggt gccctgtgcc ctggaggcct atgttgtagc 60 caatttqqtt qqtqtqqcaa cactgatgac tactgcaaaa aggaaaatgg ttgccagagt 120 cagtqcagcg qaagcqqagg tqatactqqt qqacttqata gtctqataac aagagaaagg 180 tttgatcaga tgcttttgca tagaaatgat ggtggttgtc ctgctcgtgg cttctatacc 240 tatgatgctt tcatagctgc tgcgaagtct ttccctgcct tcgctacaac cggtgatgat 300 gccactcgca agagggaagt tgctgctttc ttggcccaaa cttctcacga aactactggt 360 tagtccactt cgaaagttaa tcacaaagtt caccatgttt tgaacatgac ttcatcggtt 420 tqaqaattaa tttgatgatg ccgtaggtgg agcaggatgg gctgcacccg atggtccata 480 tacgtgggga tactgctaca atagggaatt aaaccccgct gattactgcc agtqggatcc 540 aaactaccet tgegeteetg gtaagcaata ttttggeegg ggteeaatge aacttacttg 600 gtaagcettt caccgtttge taatttettt tettgaaatg tatttatggt aaggeaaaat 660 tqttttgttq acatqqqaat aatcacttaa cttttgatat atcaggaact acaactatgg 720 gcagtgtgga agagecattg gggtggacct attaaacaac ccagacctgc tagcaactga 780 tectacaatt tettteaagt eagegttetg gttetggatg acteeacaat caccaaagce 840 ttcttgccac gatgtgatca ttggggcgtg gtcaccctcc ggtagcgacc aggcggcagg 900 ccgggttcca gggtttggtt tgatcacaaa tattatcaat ggcggccttg aatgtggtca 960 aggttggaat gcaaaggtag aggaccgcat tgggttctat aagaggtatt gtgacacact 1020 1063 tqqaqttqqc tatqqtaaca atctcqactq ctacaaccag agg

4